

IN THE SPECIFICATION:

Please insert the following paragraph at the beginning of the specification.

This application is a 371 of international application PCT/JP2003/009000, which claims priority based on Japanese patent application No. 2002-208074 filed July 17, 2002, which is incorporated herein by reference.

Please replace the paragraph beginning on page 18, line 5, with the following rewritten paragraph:

The aforementioned dehydration program is set as needed depending on the period of time for performing dialysis, in addition to the weight, the height, the sex, and water permeability of the peritoneum of the patient. However, even when the dialysis conditions have changed due to the influence of a change in the patient's physical condition, the peritoneal dialyzer 1 of the present invention can adjust the concentration of osmotic agent in the peritoneal dialysate by varying the osmotic agent concentration (c2) and changing the amount of dehydration from the ~~patient~~ patient's blood. Also, it is possible to know the condition of the

patient on that day from the osmotic agent concentration (c1) measured by the osmotic agent concentration measuring means 5, and it is possible to perform peritoneal dialysis more suitable for the patient by changing the dehydration program to match the conditions.